REMARKS

Claims 15, 25, 35 and 36 have been objected to due to informalities. Applicant's prior attorney of record is no longer with the firm. The undersigned attempted to contact the Examiner on several occasions, but was unsuccessful. Hence, the full extent of the conversation between Mr. Zura and the Examiner on November 8, 2007 is not clear. Applicants proceed, nevertheless, with this reply.

The Examiner states that the claims are directed to "data structures consisting of data element for position codes" and that "the specific types of positions codes that are manipulated are not presented in these claims." These comments coupled with the remarks in paragraph 5 of the Office Action, namely that the addition of claim 18 and 19 limitations would provide *tangible* results to the data elements of the position codes, leads Applicant to believe that the Examiner's objection is for lack of tangible results in the claimed invention. Applicant respectfully disagrees.
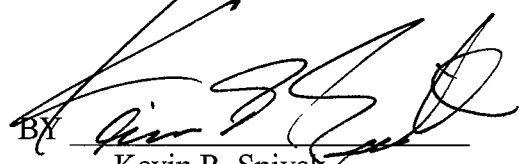
As an initial matter, Applicant's note that the claimed invention is directed to a method for coding positions of data elements in a data structure (or a data transmission system to same), and not to the data structure *per se*. The Examiner's remarks that the claims are directed to "data structures consisting of data elements for position codes" is misstated, and incorrect. Rather, the claims recite position codes associated with data elements (e.g. "associating position codes with data elements..."). Additionally, the Examiner comments that "the specific types of position [sic] codes that are manipulated are not presented in these claims." However, the claims clearly recite the type of position codes being manipulated, namely position codes represented as *rational numbers*. A rational number can be represented, for example, to include binary data or a data bit, as recited in claims 18 and 19. However, it is clearly understood by the skilled artisan that a rational number can be comprised of binary data or bits. Consequently, the type of position codes- i.e. rational numbers- to be manipulated are recited in the claims. No further clarification is required. The Examiner is kindly requested to withdraw the objection.

In light of the present amendments and arguments, Applicant respectfully submit that claims 15-36 are allowable. Applicants respectfully submit that the patent application is in condition for allowance and request a Notice of Allowance be issued. The Commissioner is

authorized to charge and credit Deposit Account No. 02-1818 for any additional fees associated with the submission of this Response. Please reference docket number 112740-1039.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY _____
Kevin R. Spivak
Reg. No. 43,148
Customer No. 29177
Phone: (202) 466-6300

Dated: <u>March 14, 2008</u>